1 Rainwater collection surface
2 Intewa Purain prefilter with 97% efficiency and invert to overflow equal to pipe size. Size prefilter based on 1 minute interval of 1 year storm.
3 1% slope to overflow
4 Plurafit calming inlet to reduce turbulence
5 Infiltrator or Containment Solutions cistern
6 Pedrollo UP submersible pump 4" submergence
7 Flexible stainless steel hose assembly
8 Pipe overflow to BMP or storm drain.
9 Vent (sized as required)
10 Electrovarlem controller with adjustable pressure setting and integrated check valve and pressure tank.
11 Manhole.
12 Domestic water supply
13 Backflow prevention device
14 Pressure gauge
15 Standby valve – PRV or solenoid

RAINWATER HARVESTING SYSTEM DETAIL

Call 404-991-0404 for pricing

BELOW-GROUND TANK WITH SUBMERSIBLE PUMP, PRESSURE TANK, NO FILTRATION, STANDBY WATER SUPPLY

NOT TO SCALE